

## ECS Configuration Change Request

Page 1 of 3 Page(s)

1. Originator Evan Winston	2. Log Date: 15 MAR 01	3. CCR #: 01-0228	4. Rev: —	5. Tel: 301.925.0348	6. Rm #: 2013	7. Dept. DEV/CO
8. CCR Title: Test Executable 5B.07_DMS.01 to all sites. Provides fixes for ASTER gateways for EDC/SMC for 30063 (Sev 1), 30049 (for BMCT only), 29216, 29728.						
9. Originator Signature/Date <i>[Signature]</i> 3/14/01		10. Class II	11. Type: CCR	12. Need Date: 15MAR01		
13. Office Manager Signature/Date <i>[Signature]</i> for Tim 3/14/01		14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: N/A		17. Schedule Impact: N/A		18. CI(s) Affected:DMS		
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 30063, 30049, 29216, 29728						
23. Problem: (use additional Sheets if necessary) Fixes for the NCRs on list need to be delivered to the DAACs.						
24. Proposed Solution: (use additional sheets if necessary) Test Executable 5B.07_DMS.01 will provide fixes to the NCRs listed.  MUST BE INSTALLED AT EDC AND SMC. others if required. Installs on top of 5B.07 installations.						
25. Alternate Solution: (use additional sheets if necessary) Take no action now and wait until 5B.07+ is available at the DAACs.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) DAACs must continue to work around the problems and/or modify operating procedures.						
27. Justification for Emergency (If Block 15 is "Emergency"): Resolves DAAC operational problems and a sev 1 NCR 30063 on the ECS priority list..						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>[Signature]</i> 3/15/01		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB				
33. M&O CCB Chair (Sign/Date): <i>[Signature]</i> 3/14/2001		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB				

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## ADDITIONAL SHEET

CCR #: 01-0228 Rev: — Originator: Evan Winston

Telephone: 301.925.0348 Office: DEV/CO

**Title of Change:** Test Executable 5B.07\_DMS.01 to all sites. Provides fixes for ASTER gateways for EDC/SMC for 30063 (Sev 1), 29216, 29728

CM: PLEASE, build Sun TAR file(s) for the listed files from current 5B.07 (5B/6A) baseline and provide to the SMC.

.EcDmAsterToEcsGw.pkg  
.EcDmEcsToAsterGw.pkg  
.EcDmINTFCSVR.pkg

SMC: Receive the TAR file(s) and make available to the DAACs, PVC and VATC.

DAAC Install Instructions:

TE can be loaded on top of DMS installations of 5B.07.

1. Get TAR File from SMC distribution;  
PKG AsterToEcsGw is for use at the SMC  
PKG EcsToAsterGw is for use at EDC  
PKG INTFCSVR is for use at all DAACs.
2. UNTAR the file and copy to the designated staging area.  
\_\_\_ a) Change to the platform staging directory:

```
cd /<distribution_directory>/<staging_directory>/SUN
```

- \_\_\_ b) Execute the setup script (change the permissions on the script to 755 if necessary):

```
./<drop_name>_Setup.ksh
```

- \_\_\_ c) At the prompt "Press ^C to Cancel, Any Other Key to Continue:", press any key except ^C.  
\_\_\_ d) At the "Continue? (Y/N):" prompt, enter Y  
\_\_\_ e) At the "Extract ECS tar packages? (Y/N):" prompt, enter Y  
\_\_\_ f) Verify that the staging area location is correct on the line "Install ECS Staging area to:  
<distribution\_directory>/<staging\_directory>/SUN"  
\_\_\_ g) If correct, enter Y at the prompt "Enter ^C to Cancel, 'N' to change, 'Y' to continue."  
\_\_\_ h) Verify that the following messages are received :  
Cleaning up ... done.  
Delivery setup is complete, you may now install ECS from staging area.  
\_\_\_ i) At the prompt "Update ECS Assist Common Files? (Root only)(Y/N)", enter Y

3. Modify the file permissions as specified below

```
cd /<distribution_directory>/<stage_directory>/SUN/CUSTOM/dbms  
chmod 744 DMS/EcDmSybaseLogins.sql
```

4. Use the ECS Assistant SubSystem Manager to perform the installation of the appropriate DMS package(s) (as specified in 1 above)

- a. Select Mode to be installed
- b. Select DM SubSystem to be installed
- c. Select EcDm Component

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- d. Click StageInstall button and enter path to Staging Directory  
/distribution\_directory>/stage\_directory>/SUN
- e. Click Install and Select STAGE File Location. Select the appropriate DMS as specified in 1 above and click OK

5. Ensure DMS Servers are re-started.

ECSed29216 Summary of all NCR fixes:

Adds SOURCE, SENSOR, PARAMETER and PROCESSING\_LEVEL values to GRANULE group of Aster Inventory results.

Files in Task:

/ecs/formal/DM/ASTGW/src/AsterReqProc/DmAsGwAsterInvRequest.C  
/ecs/formal/DM/ASTGW/src/AsterReqProc/DmAsGwAsterInvRequest.h  
/ecs/formal/DM/ASTGW/src/AsterReqProc/DmAsGwAsterInvRequestor.C  
/ecs/formal/DM/GatewayCSCI/src/V0If/DmGwEcsInvRequest.C  
/ecs/formal/DM/SIM/bin/V0Simulators/ODL/AST\_invAst.rqst  
/ecs/formal/DM/include/DmAsGwAsterInvRequest.h

Build Impact:

/ecs/formal/DM

Test Instructions for Checkout Lab:

Perform standard Aster To Ecs inventory search and observe the above entities within the granule group of the results.

ECSed30063 Summary of all NCR fixes:

Code changes to correctly reallocate incoming request\_id when parsing requests coming from another source than the EDG client and to pass the parsed request\_id through to the acquire\_item so that only a single request is generated for Landsat orders.

Files in Task:

/ecs/formal/DM/GatewayCSCI/src/RequestProcessing/DmGwAcquireItem.C  
/ecs/formal/DM/GatewayCSCI/src/RequestProcessing/DmGwAcquireItem.h  
/ecs/formal/DM/GatewayCSCI/src/RequestProcessing/DmGwAcquireRequest.C  
/ecs/formal/DM/GatewayCSCI/src/RequestProcessing/DmGwExternalAcquireRequest.C  
/ecs/formal/DM/GatewayCSCI/src/RequestProcessing/DmGwProductRequest.C

Build Impact:

V0ToEcsGateway

Test Instructions for Checkout Lab:

Submit a Landsat acquire for one data product and verify through the OrderTracking gui that only a single order and a single request is generated.

ECSed30049 ~~Change for DMOT (Data Metadata Tool)~~

Summary of all NCR fixes:

This should fix the V0Gateway Crash while logging peer's IP address.

Files in Task:

/ecs/formal/DM/GatewayCSCI/src/Common/DmGwIKSocket.C

Build Impact:

V0ToEcsGateway

Test Instructions for Checkout Lab:

Submit a Product Request from Echo Client to V0ToEcsGateway in VATC and make sure it does not crash.

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